

C O U N C I L C O M M U N I C A T - O N

TO: THE CITY COUNCIL
FROM: THE CITY MANAGER'S OFFICE

COUNCIL MEETING DATE
APRIL 5, 1989

SUBJECT: APPROVE OPTION FOR THE RE-LIGHTING OF THE KOFU PARK ATHLETIC FIELD,
 1145 SOUTH HAM LANE

PREPARED BY: Parks and Recreation Uirector

RECOMMENDED ACTION: That the City Council approve the re-lighting of Kofu
 Park Athletic Field and adopt Option C for its
 lighting plan.

BACKGROUND INFORMATION: This project has been discussed for several years.
 The original plan was for general upgrading of
 lighting by adding additional fixtures to each
 existing light pole and adding one or two new poles
and fixtures for the purpose of lighting the whole soccer field at Kofu Park.
The project is now a complete new re-lighting system, new electrical panel
service, rewiring and conduit to the various poles, and two new poles and
fixtures for the soccer field west end lighting.

The Public Works Department has developed a variety of options for proper
lighting of the facility, with its varied uses and levels of play needs (Exhibit
A). The plans and options have been reviewed by staff, the Parks and Recreation
Commission, the Boosters of Boys and Girls Sports organization (joint sponsor of
the project), and all have approved the general lighting project and support
Option C as an appropriate plan. The above mentioned groups preferred Option D
with steel poles, but the additional costs resulted in the elimination of that
alternate.

With Council approval of this project, Public Works will generate plans and
specifications within a month or two. Staff will return to the City Council for
approval of the plans and specifications and authorization to advertise for
bids. On this schedule, we anticipate installation in August or September.

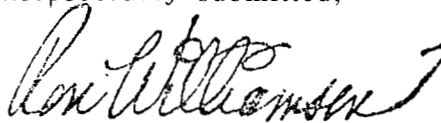
COUNCIL COMMUNICATION
APPROVE OPTION FOR THE RE-LIGHTING OF THE KOFU PARK ATHLETIC FIELD
1145 SOUTH HAM LANE

APRIL 5, 1989
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Funding for the Kofu Park lighting project will come from the following sources:

- | | | |
|-----------------|----|--|
| \$10,000 | 1. | \$10,000 from Capital Improvement Project, Kofu Park Lighting, 121.0-760.09. |
| \$10,000 | 2. | \$10,000 Donation by B.O.B.S. organization to be paid over the next four to five years. |
| \$20,000 | 3. | \$20,000 taken from Capital Improvement Project A.S.A. National Tournament, 121.0-760.91. A \$20,000 commitment and responsibilities have been taken over by the B.O.B.S. organization, who will co-sponsor the 1990 affair. |
| \$10,000 | 4. | \$10,000 taken from Capital Improvement Project Softball Complex Shade Structure, 121.0-760.67, leaving a \$2,024 balance in the account. |
| \$27,000 | 5. | \$27,000 is requested from the Capital Outlay Fund as indicated by the City Manager. |
| <u>\$77,000</u> | | Confirmed estimate by the Public Works Department and Musco Lighting Company. |

Respectfully submitted,



Ron Williamson
Parks and Recreation Director

RW :br

Attachment

COUNC530

EXHIBIT A

OPTION	DESCRIPTION	LIGHT LEVELS		PROJECT COST
		BASEBALL	SOCCER	
		INFIELD/OUTFIELD (foot candles)		
A	No project - existing conditions	15/10	N/A	N/A
B	Use existing wood poles plus two additional	30/20	20	\$ 65,000
C	New wood poles at optimum locations	30/20	20	\$ 77,000
D	New steel poles at optimum locations	30/20	20	\$105,000
E	Option C with more light and new wood poles	50/30	20	\$ 91,000
F	Option D with more light and new steel poles	50/30	20	\$124,000

Memorandum: City of Lodi Public Works Department, Engineering Division

To: Parks & Recreation Director

From: Assistant City Engineer

Date: February 1, 1989

Subject: Kofu Park Sports Lighting System

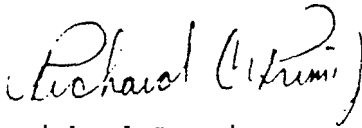
Attached is a draft Council Communication discussing the Kofu Park Sports Lighting system for your review and use at a Parks & Recreation Commission meeting. As indicated, we will need a recommendation from the Commission to complete the Council memo.

You may want to provide additional information describing the need for the project and/or priorities.

I'm willing to attend a Commission meeting to explain the options and the estimates *if* you wish.

One area that is not discussed is the possibility of a lesser upgrade of the system that would not require rewiring. That would involve reviewing the exact electrical capacity of the existing system and designing a lighting system to match. Unfortunately, I'm not qualified to do either so we would need to hire a lighting engineer. My suspicion is that you would not be able to gain very much light. Even if it could be done, the cost of new fixtures and the two additional poles in Option A would be approximately \$ 30,000.

Good luck and let me know if you need additional information.



Richard C. Prima, Jr.

TO : City Council

FROM: City Manager

MEETING DATE: ?

AGENDA TITLE: Kofu Park Sports Lighting, 1145 South Ham Lane - Discussion and Appropriate Action

RECOMMENDED ACTION: That the City Council provide direction to staff on the Kofu Park Sports Lighting project.

BACKGROUND INFORMATION: The current Capital Improvement Program includes \$10,000 for improvement of the sports lighting system at Kofu Park. This park is used for baseball and soccer.

The present lighting system was installed in 1974 and was not designed to accommodate a soccer field. The baseball light levels are also inadequate for the current level of play. The Boosters of Boys and Girls Sports organization has requested improvements and has offered to participate in the cost of the project (see attachment).

The following table describes various options. They all include new wiring and switching for "soccer" or "baseball" lighting and a "high/low" switch so the lighting levels can be lowered for practices or for less demanding play. Light levels are "maintained footcandles" which allow for lamp age, dirt on the lenses, etc.

OPTION	DESCRIPTION	LIGHT LEVELS		PROJECT COST
		BASEBALL INFELD/OUTFIELD	SOCCER	
A	No project - existing conditions	15/10	N/A	N/A
B	Use ex. wood poles plus two additional	30/20	20	565,000
C	New wood poles at optimum locations	30/20	20	\$77,000
D	New steel poles at optimum locations	30/20	20	\$105,000
E	Option C with more light and new wood poles	50/30	20	\$91,000
F	Option D with more light and new steel poles	50/30	20	5124,000

NOTES

- Existing poles are in good condition with roughly 15 years life remaining.
- Operating costs not included; however, Option C operating and maintenance costs will be 8% lower than Option B due to the fewer number of fixtures.
- Lighting standards for various programs are:
 Soccer (no fixed seating): 10
 Soccer (less than 5,000 spectators, up to 30 feet from sideline): 20
 A & B Baseball; Championship Softball: 50/30
 C & D Baseball; Semi-Pro Softball: 30/20
 Semi-Pro & Municipal League Baseball; Tournament Slow Pitch Softball: 20/15
- For comparison, Salas Park softball light levels are designed at 30/20.
- Steel poles have a practically unlimited life compared to wood poles and, more importantly, do not twist or bend with age; thus, the initial aiming of the fixtures is maintained.

Obviously, any improvement will require allocation of additional funds, an increased commitment from the Boosters of Boys and Girls Sports, or deletion of other projects in the Capital Improvement Program. The Parks and Recreation Commission has reviewed this information and recommends _____ (Ron to provide)

MEMORANDUM

TO : RON WILLIAMSON, DIRECTOR
FROM: DALE SUMERSILLE, RECREATION SUPERVISOR
DATE: MARCH 2, 1989
SUBJECT: KOFU LIGHTS

AS YOU KNOW THE BOBS EXECUTIVE BOARD MET LAST NIGHT AND DISCUSSED THE KOFU LIGHT SITUATION.

THE BOBS MAJOR CONCERNS INCLUDE:

1. THE COST FROM 5 YEARS AGO 630,000 ESTIMATE FOR ADDING FIXTURES TO EXISTING LIGHTS, AND ADDING ONE POLE TO THE WEST SIDE GOAL AREA. THE LIGHT PROJECT HAS NOW GROWN TO A POTENTIAL \$100,000 MAJOR CAPITAL IMPROVEMENT WITH THE POLES, LIGHTS, NEW BREAKERS, REWIRING ETC. NEEDING TO BE TOTALLY REDONE.
2. THE LIGHTS HAVE TO BE DONE THIS YEAR FOR THE SAFETY OF THE BASEBALL AND SOCCER PLAYERS.
3. THEY FEEL AS THOUGH THEIR 810,000 COMMITMENT WON'T MAKE THAT LARGE OF A DENT IN THE OVERALL PROJECT TOTAL, BUT YET WANT TO MAKE SURE THAT THE PROJECT IS COMPLETED ASAP.

THE BOBS THEN DISCUSSED THE VARIOUS OPTIONS THAT RICH PRIMA SENT TO YOU AND THE BOBS. AFTER A LONG DISCUSSION, THE BOBS WOULD LIKE TO RECOMMEND OPTION "C" LIGHTING PROJECT WITH THE PROVISION THAT THE KOFU LIGHTING PROJECT GET UNDER WAY BEFORE THE END OF THIS YEAR (1989), OTHERWISE THEY WILL PULL THEIR 310,000 COMMITMENT TO THE PROJECT OUT AND PUT THIS INTO OTHER SMALLER PROJECTS.

THE BOBS WILL HAVE A REPRESENTATIVE AT THE RECREATION COMMISSION MEETING THIS NEXT WEEK - JIM JONES.

KOFULTS
3/2/89

COUNCIL COMMUNICATION

TO: THE CITY COUNCIL
FROM: THE CITY MANAGER'S OFFICE

COUNCIL MEETING DATE
APRIL, 5, 1989

SUBJECT:

PREPARED BY: Parks and Recreation Director

RECOMMENDED ACTION: That the City Council approve the relighting of Kofu Park Athletic Field and adopt Option C for its lighting plan. (This approval would then generate plans and specifications for the bid process.)

SACKGROUND INFORMATION: After five years of putting this project together and going from an original plan of general upgrading of lighting by adding additional fixtures to each existing light pole and adding one or two new poles and fixtures for the purpose of lighting the whole Soccer field at Kofu Park, the project has taken us to a complete new relighting system, new electrical panel service, rewiring and conduit to the various poles, and two new poles and fixtures for the soccer field west end lighting.

Mr. Richard Prima, Public Works Assistant City Engineer, has come up with a variety of options for proper lighting of the facility, with its varied uses and levels of play needs (Exhibit A.) Mr. Prima's plans and options have been reviewed by staff, the Parks and Recreation Commission, the Boosters of Boys and Girls Sports Organization (joint sponsor of the project), and all have approved the general lighting project and support Option C as an appropriate plan. (It can be said that the above mentioned would prefer Option D with steel poles, but the additional costs have prompted everyone to select Option C.)

Funding for the Kofu Park lighting project will come from the following sources:

- \$10,000. 1. \$10,000 from Capital Improvement Project, Kofu Park Lighting, 121.0-760.09.
- \$10,000. 2. \$10,000 Donation by B.O.B.S. Organization to be paid over next four to five years.
- \$20,000. 3. \$20,000 taken from Capital Improvement Project A.S.A. National Tournament, 121.0-760.91. \$20,000 commitment and responsibilities have been taken over by the B.O.B.S. Organization, who will co-sponsor the 1990 affair.

(continued)

April 5, 1989

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- \$10,000. 4. \$10,000 taken from Capital Improvement Project Softball Complex Shade Structure, 121.0-760.67, leaving a **\$2,024** balance in the account.
- \$27,000.** 5. \$27,000 is requested from the Capital Outlay Fund 8s indicated by City Manager.

\$77,000. Confirmed Estimate by Public Works and Musco Lighting Co.

With the Council approval of this project, Mr. Prima feels **we** can generate plans and specs within a month or two, put **it** out to bid, and potentially look at installation in August or September.

A handwritten signature in black ink, appearing to read "Ron Williamson", written over a horizontal line.

Ron Williamson, Director
Parks and Recreation Dept.

RW:jd